| BOQ Item No | Description Of item of work | Nos | | Measurements Length | Breath | | Depth | Sub Qty | Total Qty | Unit |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 | 10 | 11 |
| **measurement continued on:-** 19/3/20 | | | | | | | | | | |
| 18 | KSRRB M300-19 Removal of unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specifications MORTH Specification No. 301. | | | | | | | | | |
| | EXCAVATION FOR DRAIN | | | | | | | | | |
| | 1 - L/S | 1 | 1 | 136.50 | 0.90 | | 0.45 | 55.283 | | |
| | 2 - R/S | 1 | 1 | 7.60 | 0.90 | | 0.45 | 3.078 | | |
| | 3- B/S | 2 | 1 | 26.80 | 0.90 | | 0.45 | 21.708 | | |
| | 4 - R/S | 1 | 1 | 46.20 | 0.90 | | 0.45 | 18.711 | | |
| | 4 - L/S | 1 | 1 | 41.10 | 0.90 | | 0.45 | 16.646 | | |
| | 5 - R/S | 1 | 1 | 79.10 | 0.90 | | 0.45 | 32.036 | | |
| | 5 - L/S | 1 | 1 | 72.50 | 0.90 | | 0.45 | 29.363 | | |
| | 6 - R/S | 1 | 1 | 37.00 | 0.90 | | 0.45 | 14.985 | | |
| | 6 - L/S | 1 | 1 | 38.00 | 0.90 | | 0.45 | 15.390 | | |
| | 7- B/S | 2 | 1 | 63.20 | 0.90 | | 0.45 | 51.192 | | |
| | EXCAVATION FOR DECK SLAB CULVERT | | | | | | | | | |
| | 1 | 1 | 1 | 7.60 | 1.00 | | 0.45 | 3.420 | | |
| | 2 | 1 | 1 | 9.20 | 1.20 | | 0.45 | 4.968 | | |
| | ROAD FORMATION | | | | | | | | | |
| | ROAD-1 | 1 | | 12.80 | 8.02 | + 6.35 / 2 | 0.400 | 36.787 | | |
| | | 1 | | 30.00 | 6.35 | + 4.73 / 2 | 0.400 | 66.480 | | |
| | | 1 | | 30.00 | 4.73 | + 4.73 / 2 | 0.400 | 56.760 | | |
| | | 1 | | 10.00 | 4.73 | + 5.55 / 2 | 0.400 | 20.560 | | |
| | | 1 | | 2.50 | 5.55 | + 8.10 / 2 | 0.400 | 6.825 | | |
| | ROAD-2 | 1 | | 30.00 | 5.45 | + 6.55 / 2 | 0.400 | 72.000 | | |
| | | 1 | | 12.10 | 6.55 | + 6.95 / 2 | 0.400 | 32.670 | | |
| | | 1 | | 25.75 | 6.95 | + 7.55 / 2 | 0.400 | 74.675 | | |
| | ROAD-3 | 1 | | 30.00 | 5.60 | + 5.55 / 2 | 0.400 | 66.900 | | |
| | | 1 | | 9.00 | 5.55 | + 6.00 / 2 | 0.400 | 20.790 | | |
| | | 1 | | 30.00 | 6.00 | + 5.35 / 2 | 0.400 | 68.100 | | |
| | | 1 | | 15.00 | 5.35 | + 3.35 / 2 | 0.400 | 26.100 | | |
| | ROAD-4 | 1 | | 30.00 | 5.00 | + 5.00 / 2 | 0.400 | 60.000 | | |
| | | 1 | | 32.00 | 5.00 | + 5.30 / 2 | 0.400 | 65.920 | | |
| | ROAD-5 | 1 | | 11.60 | 4.95 | + 5.15 / 2 | 0.400 | 23.432 | | |
| | ROAD-6 | 1 | | 30.00 | 6.85 | + 6.25 / 2 | 0.400 | 78.600 | | |
| | | 1 | | 2.90 | 6.25 | + 6.05 / 2 | 0.400 | 7.134 | | |

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Hi-Tech Consultants & Engineers Bangalore

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| BOQ Item No | Description Of item of work | Nos | | Measurements Length | Breath | | | Depth | Sub Qty | Total Qty | Unit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3 | 4 | 5 | 6 | 7 | | | 8 | 9 | 10 | 11 |
| | | | | | 2 | | | | | | |
| | | 1 | | 7.00 | 6.05 | + | 7.25 | 0.400 | 18.620 | | |
| | | | | | 2 | | | | | | |
| | | 1 | | 25.40 | 7.25 | + | 7.05 | 0.400 | 72.644 | | |
| | | | | | 2 | | | | | | |
| | ROAD-7 | 1 | | 14.30 | 4.85 | + | 5.10 | 0.400 | 28.457 | | |
| | | | | | 2 | | | | | | |
| | | 1 | | 30.00 | 5.10 | + | 4.75 | 0.400 | 59.100 | | |
| | | | | | 2 | | | | | | |
| | | 1 | | 2.30 | 4.75 | + | 5.35 | 0.400 | 4.646 | | |
| | | | | | 2 | | | | | | |
| | | 1 | | 17.40 | 5.35 | + | 5.30 | 0.400 | 37.062 | | |
| | | | | | 2 | | | | | | |
| | DEDUCTION DUE TO CD | -1 | | 9.20 | 1.20 | + | 1.20 | 0.400 | -4.416 | | |
| | | | | | 2 | | | | | | |
| | EXCAVATION FOR KERB | | | | | | | | | | |
| | 1 - L/S | 1 | 1 | 136.50 | 0.20 | | | 0.10 | 2.730 | | |
| | 2 - R/S | 1 | 1 | 7.60 | 0.20 | | | 0.10 | 0.152 | | |
| | 3- B/S | 2 | 1 | 26.80 | 0.20 | | | 0.10 | 1.072 | | |
| | 4 - R/S | 1 | 1 | 46.20 | 0.20 | | | 0.10 | 0.924 | | |
| | 4 - L/S | 1 | 1 | 41.10 | 0.20 | | | 0.10 | 0.822 | | |
| | 5 - R/S | 1 | 1 | 79.10 | 0.20 | | | 0.10 | 1.582 | | |
| | 5 - L/S | 1 | 1 | 72.50 | 0.20 | | | 0.10 | 1.450 | | |
| | 6 - R/S | 1 | 1 | 37.00 | 0.20 | | | 0.10 | 0.740 | | |
| | 6 - L/S | 1 | 1 | 38.00 | 0.20 | | | 0.10 | 0.760 | | |
| | 7- B/S | 2 | 1 | 63.20 | 0.20 | | | 0.10 | 2.528 | | |
| | **Total Qty** | | | | | | | | 1279.384 | 1279.384 | Cum |
| 19 | KSRRB M100-4.1. Cost of haulage Excluding Loading and Unloading MORTH-100/Chapter 1 case-I surface road | | | | | | | | | | |
| | EXCAVATION FOR DRAIN | | | | | | | | | | |
| | 1 - L/S | 1 | 1 | 136.50 | 0.90 | | | 0.45 | 55.283 | | |
| | 2 - R/S | 1 | 1 | 7.60 | 0.90 | | | 0.45 | 3.078 | | |
| | 3- B/S | 2 | 1 | 26.80 | 0.90 | | | 0.45 | 21.708 | | |
| | 4 - R/S | 1 | 1 | 46.20 | 0.90 | | | 0.45 | 18.711 | | |
| | 4 - L/S | 1 | 1 | 41.10 | 0.90 | | | 0.45 | 16.646 | | |
| | 5 - R/S | 1 | 1 | 79.10 | 0.90 | | | 0.45 | 32.036 | | |
| | 5 - L/S | 1 | 1 | 72.50 | 0.90 | | | 0.45 | 29.363 | | |
| | 6 - R/S | 1 | 1 | 37.00 | 0.90 | | | 0.45 | 14.985 | | |
| | 6 - L/S | 1 | 1 | 38.00 | 0.90 | | | 0.45 | 15.390 | | |
| | 7- B/S | 2 | 1 | 63.20 | 0.90 | | | 0.45 | 51.192 | | |
| | EXCAVATION FOR DECK SLAB CULVERT | | | | | | | | | | |
| | | 1 | 1 | 9.20 | 1.20 | | | 0.45 | 4.968 | | |
| | ROAD FORMATION | | | | | | | | | | |
| | ROAD-1 | 1 | | 12.80 | 8.02 | + | 6.35 | 0.400 | 36.787 | | |
| | | | | | 2 | | | | | | |
| | | 1 | | 30.00 | 6.35 | + | 4.73 | 0.400 | 66.480 | | |
| | | | | | 2 | | | | | | |
| | | 1 | | 30.00 | 4.73 | + | 4.73 | 0.400 | 56.760 | | |
| | | | | | 2 | | | | | | |
| | | 1 | | 10.00 | 4.73 | + | 5.55 | 0.400 | 20.560 | | |
| | | | | | 2 | | | | | | |

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

Tech Consultants & Engrs Bangalore

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| BOQ Item No | Description Of item of work | Nos | Measurements: Length | Breath | Depth | Sub Qty | Total Qty | Unit |
|---|---|---|---|---|---|---|---|---|
| 1 | 3 | 4 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | | 1 | 2.50 | 5.55 + 8.10 / 2 | 0.400 | 6.825 | | |
| | ROAD-2 | 1 | 30.00 | 5.45 + 6.55 / 2 | 0.400 | 72.000 | | |
| | | 1 | 12.10 | 6.55 + 6.95 / 2 | 0.400 | 32.670 | | |
| | | 1 | 25.75 | 6.95 + 7.55 / 2 | 0.400 | 74.675 | | |
| | ROAD-3 | 1 | 30.00 | 5.60 + 5.55 / 2 | 0.400 | 66.900 | | |
| | | 1 | 9.00 | 5.55 + 6.00 / 2 | 0.400 | 20.790 | | |
| | | 1 | 30.00 | 6.00 + 5.35 / 2 | 0.400 | 68.100 | | |
| | | 1 | 15.00 | 5.35 + 3.35 / 2 | 0.400 | 26.100 | | |
| | ROAD-4 | 1 | 30.00 | 5.00 + 5.00 / 2 | 0.400 | 60.000 | | |
| | | 1 | 32.00 | 5.00 + 5.30 / 2 | 0.400 | 65.920 | | |
| | ROAD-5 | 1 | 11.60 | 4.95 + 5.15 / 2 | 0.400 | 23.432 | | |
| | ROAD-6 | 1 | 30.00 | 6.85 + 6.25 / 2 | 0.400 | 78.600 | | |
| | | 1 | 2.90 | 6.25 + 6.05 / 2 | 0.400 | 7.134 | | |
| | | 1 | 7.00 | 6.05 + 7.25 / 2 | 0.400 | 18.620 | | |
| | | 1 | 25.40 | 7.25 + 7.05 / 2 | 0.400 | 72.644 | | |
| | ROAD-7 | 1 | 14.30 | 4.85 + 5.10 / 2 | 0.400 | 28.457 | | |
| | | 1 | 30.00 | 5.10 + 4.75 / 2 | 0.400 | 59.100 | | |
| | | 1 | 2.30 | 4.75 + 5.35 / 2 | 0.400 | 4.646 | | |
| | | 1 | 17.40 | 5.35 + 5.30 / 2 | 0.400 | 37.062 | | |
| | DEDUCTION DUE TO CD | -1 | 9.20 | 1.20 + 1.20 / 2 | 0.400 | -4.416 | | |
| | EXCAVATION FOR KERB | | | | | | | |
| | 1 - L/S | 1 1 | 136.50 | 0.20 | 0.10 | 2.730 | | |
| | 2 - R/S | 1 1 | 7.60 | 0.20 | 0.10 | 0.152 | | |
| | 3- B/S | 2 1 | 26.80 | 0.20 | 0.10 | 1.072 | | |
| | 4 - R/S | 1 1 | 46.20 | 0.20 | 0.10 | 0.924 | | |
| | 4 - L/S | 1 1 | 41.10 | 0.20 | 0.10 | 0.822 | | |
| | 5 - R/S | 1 1 | 79.10 | 0.20 | 0.10 | 1.582 | | |
| | 5 - L/S | 1 1 | 72.50 | 0.20 | 0.10 | 1.450 | | |
| | 6 - R/S | 1 1 | 37.00 | 0.20 | 0.10 | 0.740 | | |
| | 6 - L/S | 1 1 | 38.00 | 0.20 | 0.10 | 0.760 | | |
| | 7- B/S | 2 1 | 63.20 | 0.20 | 0.10 | 2.528 | | |
| | | | | Total Qty | | 1275.964 | 1275.964 | Cum |

Civil-Tech Consultants & Engineers Bangalore

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

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| BOQ Item No | Description Of item of work | Nos | | Measurements | | | Sub Qty | Total Qty | Unit |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Length | Breath | Depth | | | |
| 1 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 20 | Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications. | | | | | | | | |
| | RAIN WATER HARVESTING L=(3.142*0.63*0.63)/4=0.31 | | | | | | | | |
| | 40 mm jelly | 1 | 4 | 0.31 | | 0.40 | 0.496 | | |
| | 20 mm jelly | 1 | 4 | 0.31 | | 0.40 | 0.496 | | |
| | Course Sand | 1 | 4 | 0.31 | | 0.30 | 0.372 | | |
| | Fine Sand | 1 | 4 | 0.31 | | 0.20 | 0.248 | | |
| | 12.5 mm chips | 1 | 4 | 0.31 | | 0.30 | 0.372 | | |
| 21 | Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984- 995 with latest amendments and conveyingto work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bends, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. for : HDPE Grade PE80-PN6.0, 630 mm dia. (Perforated Pipe for Rain Water Harvesting Pit) | | | | | | | | |
| | RAIN WATER HARVESTING 0.63m dia HDPE Perforated Pipe. For 1.8 Mtr depth, | | | | | | | | |
| | | 1 | 7.2 | | | | 7.200 | | RMT |
| 22 | Providing of Geonets for Rain Water Harvesting pit on top of the filter media as specified in drawings or as approved by Engineer Incharge. | | | | | | | | |
| | RAIN WATER HARVESTING L=(3.142*0.63*0.63)/4=0.31 | | | | | | | | |
| | | 1 | 4 | 0.31 | | | 1.240 | | |
| | | | | Total Qty | | | 1.240 | 1.240 | Cum |

Assistant Engineer-14 13/3/20

Assistant Executive Engineer 13/3/20
T Dasarahalli Sub- Division
BBMP

Civil-Tech Consultants & Engineers Bangalore

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

| BOQ Item No | Description Of item of work | Nos | | Measurements | | | Sub Qty | Total Qty | Unit |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Length | Breath | Depth | | | |
| 1 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| **measurement continued on:-** 15/3/20 | | | | | | | | | |
| 4 | KSRB 4-1.7: Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 ems. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per Specification No. KBS 4.1, 4.2 | | | | | | | | |
| | CC DRAIN | | | | | | | | |
| | 1 - L/S | 1 | 1 | 136.50 | 0.90 | 0.15 | 18.428 | | |
| | 2 - R/S | 1 | 1 | 7.60 | 0.90 | 0.15 | 1.026 | | |
| | 3- B/S | 2 | 1 | 26.80 | 0.90 | 0.15 | 7.236 | | |
| | 4 - R/S | 1 | 1 | 46.20 | 0.90 | 0.15 | 6.237 | | |
| | 4 - L/S | 1 | 1 | 41.10 | 0.90 | 0.15 | 5.549 | | |
| | 5 - R/S | 1 | 1 | 79.10 | 0.90 | 0.15 | 10.679 | | |
| | 5 - L/S | 1 | 1 | 72.50 | 0.90 | 0.15 | 9.788 | | |
| | 6 - R/S | 1 | 1 | 37.00 | 0.90 | 0.15 | 4.995 | | |
| | 6 - L/S | 1 | 1 | 38.00 | 0.90 | 0.15 | 5.130 | | |
| | 7- B/S | 2 | 1 | 63.20 | 0.90 | 0.15 | 17.064 | | |
| | DECK SLAB CULVERT | | | | | | | | |
| | | 1 | 1 | 9.20 | 1.20 | 0.15 | 1.656 | | |
| | **Total Qty** | | | | | | 87.786 | 87.786 | **Cum** |

Assistant Engineer-14 15/3/20

Assistant Executive Engineer 15/3
T Dasarahalli Sub- Division
BBMP

Civil-Tech Consultants & Engineers Bangalore

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

| BOQ Item No | Description Of item of work | Nos | | Measurements | | | Sub Qty | Total Qty | Unit |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Length | Breath | Depth | | | |
| 1 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| **measurement continued on:-** | | | | | | | | | |
| 6 | KSRRB M2200-6. Supplying, fitting and placing TMT bar reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 -do- TMT Bars Fe 500 (Pno218/28.8.2) | | | | | | | | |
| SL NO | PARTICULARS | NO | | LENGTH | CONSTANT | QTY | | | |
| | DRAIN | | | | | | | | |
| 1 | VERTICAL U BAR | 8095 | | 2.11 | 0.620 | 10589.879 | | | |
| 2 | STRAIGHT BAR | 14 | | 638.00 | 0.390 | 3483.480 | | | |
| | DECK SLAB SIDE WALL | | | | | | | | |
| 1 | BOTTOM RING BAR | 64 | | 2.12 | 0.620 | 84.122 | | | |
| 2 | VERTICAL U BAR | 204 | | 2.20 | 0.620 | 278.256 | | | |
| 3 | STRAIGHT BAR | 20 | | 9.20 | 0.390 | 71.760 | | | |
| | TOTAL QTY IN KGS | | | | | 14507.497 | | | |
| | TOTAL QTY IN TONNES | | | | | 14.507 | | | |
| | TOTAL QTY IN TONNES | | | | | 14.507 | 14.507 | 14.507 | TONNE |

Assistant Engineer-14

16/3/20

Assistant Executive Engineer
T Dasarahalli Sub- Division
BBMP

16/3

Civil Tech Consultants & Engineers Bangalore

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

| BOQ Item No | Description Of item of work | Nos | | Measurements | | | Sub Qty | Total Qty | Unit |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Length | Breath | Depth | | | |
| 1 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| **measurement continued on:-** 18/3/20 | | | | | | | | | |
| 5 | KSRRB M2200-5.12. Providing and laying Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.7 cum and fine aggregates @ 0.47 cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008. i) Upto 5 m height. | | | | | | | | |
| | CC DRAIN-RAFT | | | | | | | | |
| | 1 - L/S | 1 | 1 | 136.50 | 0.90 | 0.15 | 18.428 | | |
| | 2 - R/S | 1 | 1 | 7.60 | 0.90 | 0.15 | 1.026 | | |
| | 3- B/S | 2 | 1 | 26.80 | 0.90 | 0.15 | 7.236 | | |
| | 4 - R/S | 1 | 1 | 46.20 | 0.90 | 0.15 | 6.237 | | |
| | 4 - L/S | 1 | 1 | 41.10 | 0.90 | 0.15 | 5.549 | | |
| | 5 - R/S | 1 | 1 | 79.10 | 0.90 | 0.15 | 10.679 | | |
| | 5 - L/S | 1 | 1 | 72.50 | 0.90 | 0.15 | 9.788 | | |
| | 6 - R/S | 1 | 1 | 37.00 | 0.90 | 0.15 | 4.995 | | |
| | 6 - L/S | 1 | 1 | 38.00 | 0.90 | 0.15 | 5.130 | | |
| | 7- B/S | 2 | 1 | 63.20 | 0.90 | 0.15 | 17.064 | | |
| | EXCAVATION FOR DECK SLAB CULVERT-RAFT | | | | | | | | |
| | | 1 | 1 | 9.20 | 1.20 | 0.20 | 2.208 | | |
| | **Total Qty** | | | | | | 88.338 | 88.338 | Cum |

Assistant Engineer-14 18/3/20

Assistant Executive Engineer 18/3
T Dasarahalli Sub- Division
BBMP

Civil-Tech Consultants & Engineers Bangalore

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

| BOQ Item No | Description Of item of work | Nos | | Measurements Length | Breath | Depth | Sub Qty | Total Qty | Unit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| **measurement continued on:-** 20/3/20 | | | | | | | | | |
| 5 | KSRRB M2200-5.12. Providing and laying Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.7 cum and fine aggregates @ 0.47 cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008. i) Upto 5 m height. | | | | | | | | |
| | ADD QTY CARRIED FROM I NO 05 P NO | | | | | | 88.338 | | |
| | CC DRAIN-SIDE WALLS | | | | | | | | |
| | 1 - L/S | 1 | 2 | 136.50 | 0.15 | 0.60 | 24.570 | | |
| | 2 - R/S | 1 | 2 | 7.60 | 0.15 | 0.60 | 1.368 | | |
| | 3- B/S | 2 | 2 | 26.80 | 0.15 | 0.60 | 9.648 | | |
| | 4 - R/S | 1 | 2 | 46.20 | 0.15 | 0.60 | 8.316 | | |
| | 4 - L/S | 1 | 2 | 41.10 | 0.15 | 0.60 | 7.398 | | |
| | 5 - R/S | 1 | 2 | 79.10 | 0.15 | 0.65 | 15.425 | | |
| | 5 - L/S | 1 | 2 | 72.50 | 0.15 | 0.60 | 13.050 | | |
| | 6 - R/S | 1 | 2 | 37.00 | 0.15 | 0.60 | 6.660 | | |
| | 6 - L/S | 1 | 2 | 38.00 | 0.15 | 0.60 | 6.840 | | |
| | 7- B/S | 2 | 2 | 63.20 | 0.15 | 0.65 | 24.648 | | |
| | FOR DECK SLAB CULVERT-SIDE WALLS | | | | | | | | |
| | 2 | 1 | 2 | 9.20 | 0.25 | 0.60 | 2.760 | | |
| | **Total Qty** | | | | | | 209.021 | 209.021 | **Cum** |
| 7 | KSRRB M2200-1 Providing weep holes in Brick masonry / Plain / Reinforced concrete abutment, wing wall / return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing foce. Complete as per drawing and Technical Specifications including cost of materials, labour, HOM complete as per specifications. MORTH Specification No.2706 & 2200 | | | | | | | | |
| | CC DRAIN-RAFT | | | | | | | | |
| | | | | Length | NO | WEEP HOLE LENGTH | TOTAL LENGTH OF WEEP HOLE | | |
| | 1 - L/S | 1 | 1 | 136.50 | 91.00 | 0.15 | 13.650 | | |
| | 2 - R/S | 1 | 1 | 7.60 | 5.00 | 0.15 | 0.750 | | |
| | 3- B/S | 2 | 1 | 26.80 | 18.00 | 0.15 | 2.700 | | |
| | 4 - R/S | 1 | 1 | 46.20 | 31.00 | 0.15 | 4.650 | | |
| | 4 - L/S | 1 | 1 | 41.10 | 27.00 | 0.15 | 4.050 | | |
| | 5 - R/S | 1 | 1 | 79.10 | 53.00 | 0.15 | 7.950 | | |
| | 5 - L/S | 1 | 1 | 72.50 | 48.00 | 0.15 | 7.200 | | |
| | 6 - R/S | 1 | 1 | 37.00 | 25.00 | 0.15 | 3.750 | | |
| | 6 - L/S | 1 | 1 | 38.00 | 25.00 | 0.15 | 3.750 | | |
| | 7- B/S | 2 | 1 | 63.20 | 42.00 | 0.15 | 6.300 | | |
| | **Total Qty** | | | | | | 54.750 | 54.750 | **RMT** |
| 4 | KSRB 4-1.7: Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 ems. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per Specification No. KBS 4.1, 4.2 | | | | | | | | |
| | ADD QTY CARRIED FROM I NO 04 P NO | | | | | | 87.786 | | |
| | FOR KERB | | | | | | | | |
| | 1 - L/S | 1 | 1 | 136.50 | 0.20 | 0.10 | 2.730 | | |
| | 2 - R/S | 1 | 1 | 7.60 | 0.20 | 0.10 | 0.152 | | |
| | 3- B/S | 2 | 1 | 26.80 | 0.20 | 0.10 | 1.072 | | |
| | 4 - R/S | 1 | 1 | 46.20 | 0.20 | 0.10 | 0.924 | | |
| | 4 - L/S | 1 | 1 | 41.10 | 0.20 | 0.10 | 0.822 | | |
| | 5 - R/S | 1 | 1 | 79.10 | 0.20 | 0.10 | 1.582 | | |
| | 5 - L/S | 1 | 1 | 72.50 | 0.20 | 0.10 | 1.450 | | |

EXECUTIVE ENGINEER-4
IDL, BBMP DIVISON
BANGALURU-560 010

Civil-Tech Consultants & Engineers Bangalore

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| BOQ Item No | Description Of item of work | Nos | | Measurements | | | Sub Qty | Total Qty | Unit |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Length | Breath | Depth | | | |
| 1 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | 6 - R/S | 1 | 1 | 37.00 | 0.20 | 0.10 | 0.740 | | |
| | 6 - L/S | 1 | 1 | 38.00 | 0.20 | 0.10 | 0.760 | | |
| | 7- B/S | 1 | 1 | 63.20 | 0.20 | 0.10 | 1.264 | | |
| | Total Qty | | | | | | 99.282 | 99.282 | Cum |

Assistant Engineer-
14

20/3/20

Assistant Executive Engineer
T Dasarahalli Sub- Division
BBMP

Civil-Tech Consultants & Engineers
Bangalore